

**Claims**

This listing of claims will replace all prior versions.

Claims 1-23 are cancelled. Claim 24 is amended and new claims 28 through 43 are added. A version of the claims with changes marked is provided herewith.

**WHAT IS CLAIMED IS:***Claims 1-23 cancelled.*

24. (Amended) A method for communicating between downhole tools and equipment in a wellbore, comprising the steps of:

- a!
- (a) providing a first downhole structure having one or more non-acoustic transmitter units and one or more non-acoustic receiver units;
  - (b) providing a second downhole structure having one or more non-acoustic transmitter units and one or more non-acoustic receiver units;
  - (c) receiving a signal from the one or more non-acoustic transmitter units of the first downhole structure with the one or more non-acoustic receiver units of the second downhole structure; and
  - (d) receiving a signal from the one or more non-acoustic transmitter units of the second downhole structure with the one or more non-acoustic receiver units of the first downhole structure

wherein said signal from one or more non-acoustic transmitter units powers said one or more non-acoustic receiver units.

25. (Original) The method of claim 24, further comprising actuating or installing downhole equipment.

26. (Original) The method of claim 24, further comprising returning the signal to the surface of the wellbore.

27. (Original) The method of claim 24, further comprising storing the signal with one or more non-acoustic receiver units of the first and second downhole structure.

28. (New) The method of claim 24, wherein said first downhole structure is moved by a conveyance tool.

29. (New) The method of claim 24, wherein said first downhole structure is attached to a drop ball.

30. (New) The method of claim 24, wherein said first downhole structure is a moveable sleeve.

31. (New) The method of claim 24, wherein said second downhole structure is a downhole tool.

32. (New) A method for communicating between downhole tools and equipment in a wellbore, comprising the steps of:

(a) providing a first downhole structure having one or more non-acoustic transmitter units and one or more non-acoustic receiver units;

(b) providing a second downhole structure having one or more non-acoustic transmitter units and one or more non-acoustic receiver units;

(c) receiving a signal from the one or more non-acoustic transmitter units of the first downhole structure with the one or more non-acoustic receiver units of the second downhole structure; and

(d) receiving a signal from the one or more non-acoustic transmitter units of the second downhole structure with the one or more non-acoustic receiver units of the first downhole structure;

wherein at least one of said downhole structures comprises an identification code.

33. (New) The method of claim 32, further comprising actuating or installing downhole equipment.

34. (New) The method of claim 33, further comprising returning the signal to the surface of the wellbore.

38. (New) The method of claim 32, further comprising storing the signal with one or more non-acoustic receiver units of the first and second downhole structure.

39. (New) The method of claim 32, wherein said first downhole structure is moved by a conveyance tool.

40. (New) The method of claim 32, wherein said first downhole structure is attached to a drop ball.

41. (New) The method of claim 32, wherein said first downhole structure is a moveable sleeve.

42. (New) The method of claim 32, wherein said second downhole structure is a downhole tool.

43. (New) A method for communicating between downhole tools and equipment in a wellbore, comprising the steps of:

(a) providing a first downhole structure having one or more non-acoustic transmitter units and one or more non-acoustic receiver units, said first downhole structure comprising an identification code;

(b) providing a second downhole structure having one or more non-acoustic transmitter units and one or more non-acoustic receiver units, said second downhole structure comprising a target code;

(c) receiving a signal from the one or more non-acoustic transmitter units of the first downhole structure with the one or more non-acoustic receiver units of the second downhole structure; and

(d) receiving a signal from the one or more non-acoustic transmitter units of the second downhole structure with the one or more non-acoustic receiver units of the first downhole structure.

44. (New) The method of claim 43, further comprising actuating or installing downhole equipment when the identification code matches the target code.

45. (New) The method of claim 43, further comprising returning the signal to the surface of the wellbore when the identification code matches the target code.

46. (New) The method of claim 43, further comprising storing the signal with one or more non-acoustic receiver units of the first and second downhole structure when the identification code matches the target code.

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